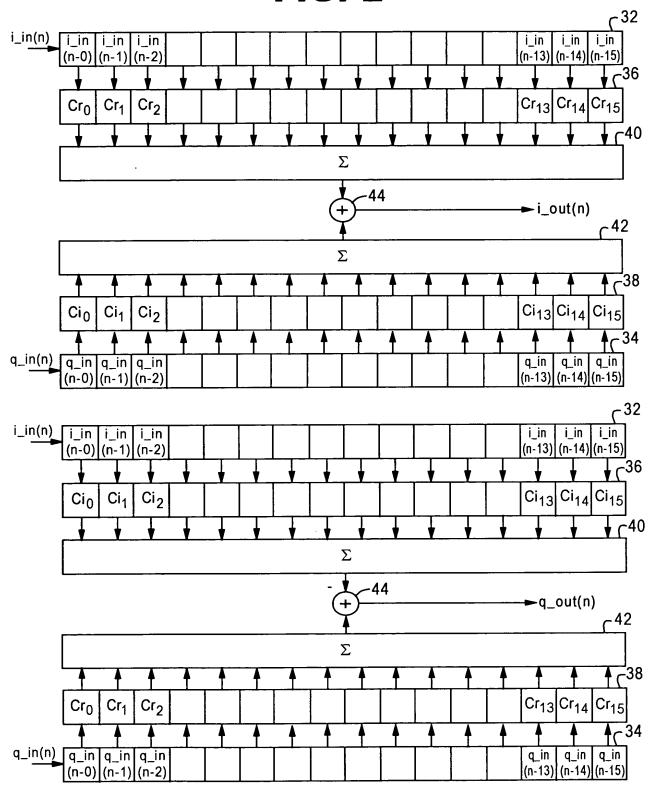
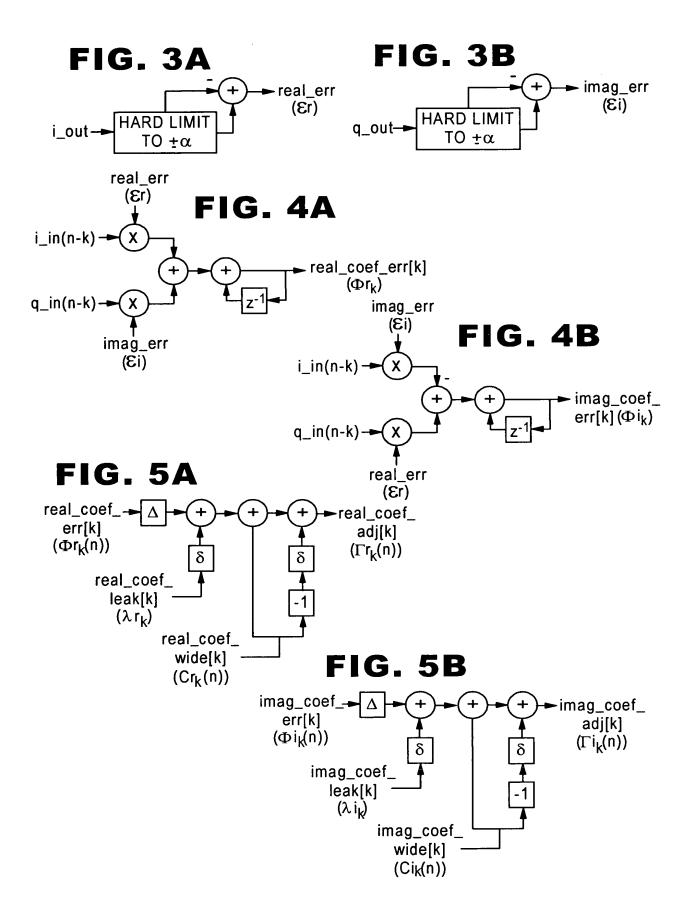


FIG. 2





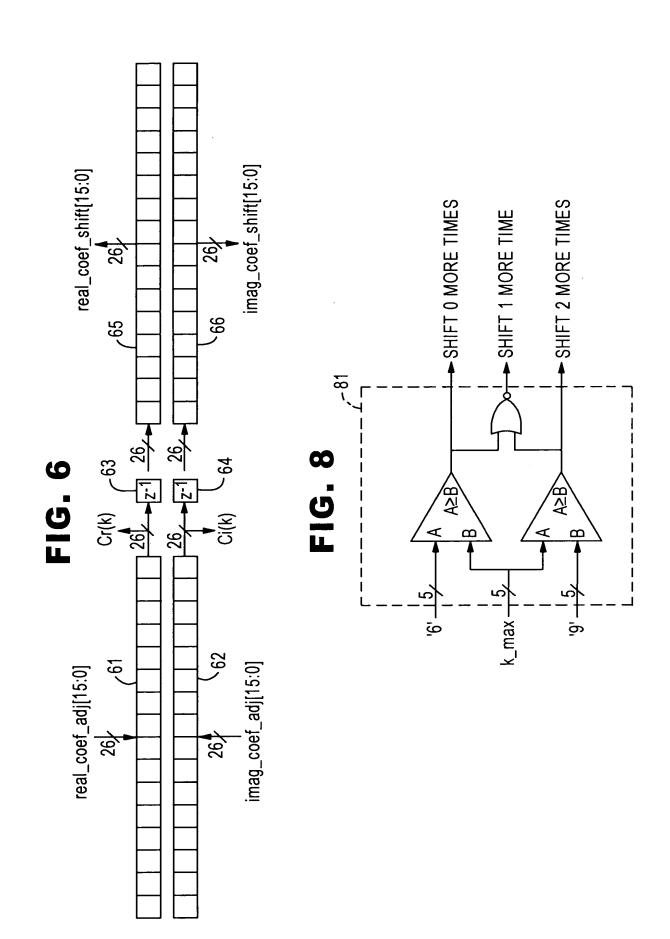


FIG. 7

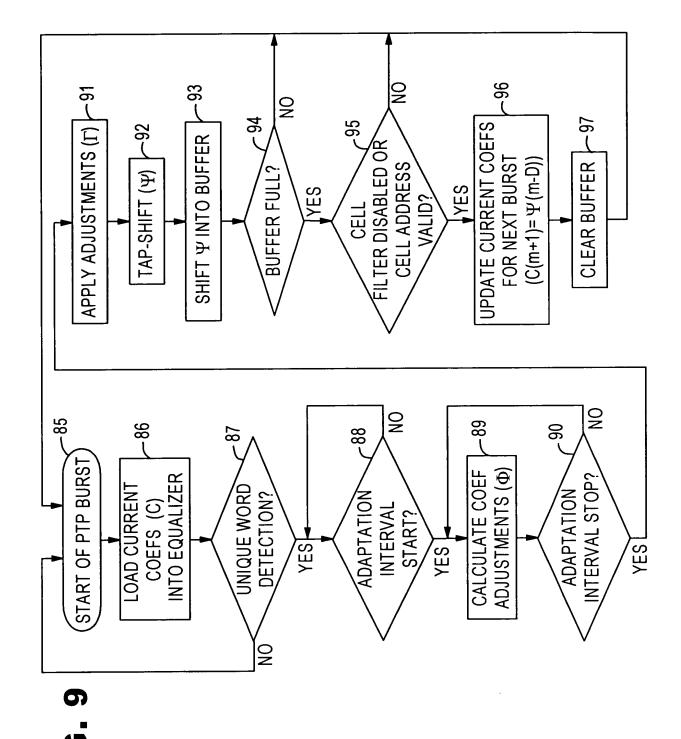


FIG. 10

CELL FILTER BUFFER [0] C1 C2 C3 C4 C5 C6 CELL FILTER BUFFER [1] C1 C2 C1 C2 C4 C5 C6 C5 CELL FILTER BUFFER [2] C1 C1 C1 C2 C4 C5

•	C14	•	•	C11	- C10 C11	-	<i>L</i> 0	•	1	C4	'	•	Σ	'	
•	C14 C15	C14 C15	ı	C12	C10 C11	_	80	<i>L</i> 3	•	C4 C5	C4	,	C1 C2	S	
717	C16 C	C15	C14	C13	C8 C9 C10 C11 C12 C13 C14 C15 C16 C17	C10	60	80	<i>L</i> 3	C2 C3 C4 C5 C6 C7	50	C4	\mathbb{S}	C2	

FIG. 12 0.5 COEFFICIENT MAGNITUDES 0.45 COEFFICIENT MAGNITUDES

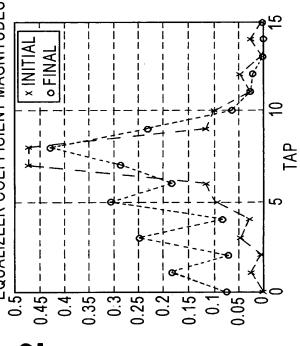
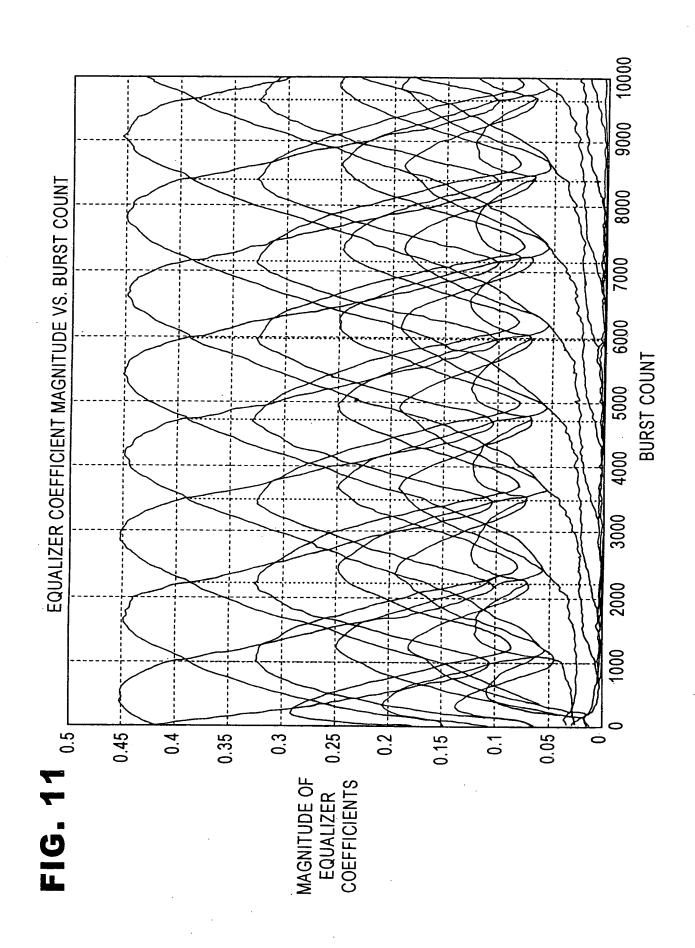
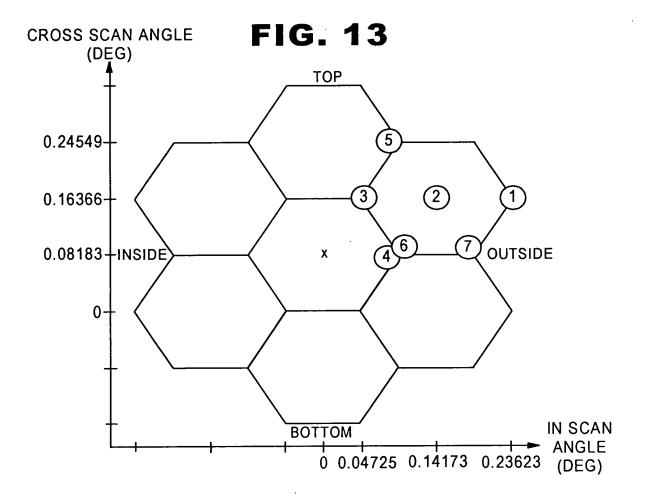


FIG. 15

13° SCAN ANGLE	DEGRADATION (dB)
WITH MICROCELL ADDRESS VALIDATOR	1.0
WITHOUT MICROCELL ADDRESS	1.7
VALIDALOR	





DIRECTIVITY RELATIVE TO BEAM PEAK AT MIDBAND FREQUENCY (dB) 0 -2 -4 **DIRECTIVITY** -6 (dB) -8 - PTP OUTSIDE **CELLCAST** -10 **DIFFERENCE** -12_{19.7} | 19.8 | 19.9 |

19.75

FIG. 14

20.1 20.2

20.05 20.15

20

19.85 19.95

FREQUENCY (GHz)